

Title (en)

METHOD AND DEVICE FOR THE ELECTROPHOTOGRAPHIC PRESENTATION OF INFORMATION

Publication

EP 0059514 B1 19850605 (DE)

Application

EP 82200244 A 19820226

Priority

DE 3108115 A 19810304

Abstract (en)

[origin: CA1176692A] PHD 81-022 10 11.2.1982 "Method of electrophotographic printing of information". A method of electrophotographic printing of electrically stored information by means of a cathode ray tube. The tube is controlled so that each time only one picture line of the information on the display screen is activated several times in succession. Thus, the transport movement of the record carrier is continuous. The optical system provided between the cathode ray -tube and the record carrier may be constructed to be rigid, so that on the record carrier there is formed an image whose individual pixels represent a small line which consists of several overlapping dots. The necessary brightness is achieved by using a cathode ray tube having a wide display screen on which the picture lines to be transferred to the record carrier are displayed with a 1 : 1 ratio. Furthermore, the display screen is provided with a coarse-grained phosphor of the zinc sulfide type which has a high light yield. Moreover, the line frequency of the cathode beam is increased beyond the customary value in order to counteract phosphor saturation.

IPC 1-7

G03G 15/052; **H01J 31/08**

IPC 8 full level

G03G 15/22 (2006.01); **B41J 2/44** (2006.01); **G03G 15/04** (2006.01); **G03G 15/32** (2006.01); **G06K 15/12** (2006.01); **H01J 31/08** (2006.01); **H01J 31/12** (2006.01); **H04N 1/04** (2006.01)

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Cited by

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Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0059514 A2 19820908; **EP 0059514 A3 19821208**; **EP 0059514 B1 19850605**; CA 1176692 A 19841023; DE 3108115 A1 19820916; DE 3263986 D1 19850711; JP H0335864 B2 19910529; JP S57188176 A 19821119; US 4571604 A 19860218

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